

Table 2.

SEQ ID NO:

Entry

Sequence

1..PIM1_Hb	MLLSKINSLAHRAAPCNDLHATKLP..GKKEPLESCVQVGPILLGGGFGSVSGIRVSON..LHVAHKKHVEKDRISKZELPNGTR..VPEZVILLKRVSSG.....PESGVIHL
2..PIM1_Wb	MLLSKINSLAHRAAPCNDLHATKLP..GKKEPLESCVQVGPILLGGGFGSVSGIRVSON..LHVAHKKHVEKDRISKZELPNGTR..VPEZVILLKRVSSG.....PESGVIHL
3..PIM2_Hb	MLTKP..LQGHSPPP.....GTPTPPGGKDRAPAEAYRGLGLLGGGFGSVSGIRVSON..LHVAHKKHVEKDRISKZELPNGTR..VPEZVILLKRVSSG.....PESGVIHL
4..PIM2_Wb	MLTKP..LQGHSPPP.....GTPTPPGGKDRAPAEAYRGLGLLGGGFGSVSGIRVSON..LHVAHKKHVEKDRISKZELPNGTR..VPEZVILLKRVSSG.....PESGVIHL
5..PIM3_Hb	MLLSKPGSLAHICSPASNDHLPVKILQPAKADRESPEKVMQVAVLGGGFGSVSGIRVSON..LHVAHKKHVEKDRISKZELPNGTR..VPEZVILLKRVSSG.....PESGVIHL
6..PIM3_Wb	MLLSKPGSLAHICSPASNDHLPVKILQPAKADRESPEKVMQVAVLGGGFGSVSGIRVSON..LHVAHKKHVEKDRISKZELPNGTR..VPEZVILLKRVSSG.....PESGVIHL
7..PIM3_X1	MLLSKPGSLAHICSPASNDHLPVKILQPAKADRESPEKVMQVAVLGGGFGSVSGIRVSON..LHVAHKKHVEKDRISKZELPNGTR..VPEZVILLKRVSSG.....PESGVIHL
8..PIM3_X1	MLLSKPGSLAHICSPASNDHLPVKILQPAKADRESPEKVMQVAVLGGGFGSVSGIRVSON..LHVAHKKHVEKDRISKZELPNGTR..VPEZVILLKRVSSG.....PESGVIHL
9..PIM_Dr	MLTKP..LQGHSPPP.....GTPTPPGGKDRAPAEAYRGLGLLGGGFGSVSGIRVSON..LHVAHKKHVEKDRISKZELPNGTR..VPEZVILLKRVSSG.....PESGVIHL
10..PIM_A_Cc	MLTKP..LQGHSPPP.....GTPTPPGGKDRAPAEAYRGLGLLGGGFGSVSGIRVSON..LHVAHKKHVEKDRISKZELPNGTR..VPEZVILLKRVSSG.....PESGVIHL
11..PIMB_Cc	MLTKP..LQGHSPPP.....GTPTPPGGKDRAPAEAYRGLGLLGGGFGSVSGIRVSON..LHVAHKKHVEKDRISKZELPNGTR..VPEZVILLKRVSSG.....PESGVIHL
1..PIM1_Hb	IDMPERP..DSFVLILERPEPVQDIFPETERGALCEGLARSTFEMVLAARHCHNCG..VLRDIDKIDENILIDLRKCEZIKLIDPESGALLKDTVTIDPPDETRVSPPEMIYRHRVHG
2..PIM1_Wb	IDMPERP..DSFVLILERPEPVQDIFPETERGALCEGLARSTFEMVLAARHCHNCG..VLRDIDKIDENILIDLRKCEZIKLIDPESGALLKDTVTIDPPDETRVSPPEMIYRHRVHG
3..PIM2_Hb	IDMPERP..DSFVLILERPEPVQDIFPETERGALCEGLARSTFEMVLAARHCHNCG..VLRDIDKIDENILIDLRKCEZIKLIDPESGALLKDTVTIDPPDETRVSPPEMIYRHRVHG
4..PIM2_Wb	IDMPERP..DSFVLILERPEPVQDIFPETERGALCEGLARSTFEMVLAARHCHNCG..VLRDIDKIDENILIDLRKCEZIKLIDPESGALLKDTVTIDPPDETRVSPPEMIYRHRVHG
5..PIM3_Hb	IDMPERP..DSFVLILERPEPVQDIFPETERGALCEGLARSTFEMVLAARHCHNCG..VLRDIDKIDENILIDLRKCEZIKLIDPESGALLKDTVTIDPPDETRVSPPEMIYRHRVHG
6..PIM3_Wb	IDMPERP..DSFVLILERPEPVQDIFPETERGALCEGLARSTFEMVLAARHCHNCG..VLRDIDKIDENILIDLRKCEZIKLIDPESGALLKDTVTIDPPDETRVSPPEMIYRHRVHG
7..PIM3_X1	IDMPERP..DSFVLILERPEPVQDIFPETERGALCEGLARSTFEMVLAARHCHNCG..VLRDIDKIDENILIDLRKCEZIKLIDPESGALLKDTVTIDPPDETRVSPPEMIYRHRVHG
8..PIM3_X1	IDMPERP..DSFVLILERPEPVQDIFPETERGALCEGLARSTFEMVLAARHCHNCG..VLRDIDKIDENILIDLRKCEZIKLIDPESGALLKDTVTIDPPDETRVSPPEMIYRHRVHG
9..PIM_Dr	IDMPERP..DSFVLILERPEPVQDIFPETERGALCEGLARSTFEMVLAARHCHNCG..VLRDIDKIDENILIDLRKCEZIKLIDPESGALLKDTVTIDPPDETRVSPPEMIYRHRVHG
10..PIM_A_Cc	IDMPERP..DSFVLILERPEPVQDIFPETERGALCEGLARSTFEMVLAARHCHNCG..VLRDIDKIDENILIDLRKCEZIKLIDPESGALLKDTVTIDPPDETRVSPPEMIYRHRVHG
11..PIMB_Cc	IDMPERP..DSFVLILERPEPVQDIFPETERGALCEGLARSTFEMVLAARHCHNCG..VLRDIDKIDENILIDLRKCEZIKLIDPESGALLKDTVTIDPPDETRVSPPEMIYRHRVHG
1..PIM1_Hb	RSNAVASELITLMDVCSGDIIFERDDEILR...GOVFERQVSSSECOHILIRKCTALRESIDTTFERONHPEMODVILLPOETAKIHLHSLSPGSK.....
2..PIM1_Wb	RSNAVASELITLMDVCSGDIIFERDDEILR...GOVFERQVSSSECOHILIRKCTALRESIDTTFERONHPEMODVILLPOETAKIHLHSLSPGSK.....
3..PIM2_Hb	RSNAVASELITLMDVCSGDIIFERDDEILR...GOVFERQVSSSECOHILIRKCTALRESIDTTFERONHPEMODVILLPOETAKIHLHSLSPGSK.....
4..PIM2_Wb	RSNAVASELITLMDVCSGDIIFERDDEILR...GOVFERQVSSSECOHILIRKCTALRESIDTTFERONHPEMODVILLPOETAKIHLHSLSPGSK.....
5..PIM3_Hb	RSNAVASELITLMDVCSGDIIFERDDEILR...GOVFERQVSSSECOHILIRKCTALRESIDTTFERONHPEMODVILLPOETAKIHLHSLSPGSK.....
6..PIM3_Wb	RSNAVASELITLMDVCSGDIIFERDDEILR...GOVFERQVSSSECOHILIRKCTALRESIDTTFERONHPEMODVILLPOETAKIHLHSLSPGSK.....
7..PIM3_X1	RSNAVASELITLMDVCSGDIIFERDDEILR...GOVFERQVSSSECOHILIRKCTALRESIDTTFERONHPEMODVILLPOETAKIHLHSLSPGSK.....
8..PIM3_X1	RSNAVASELITLMDVCSGDIIFERDDEILR...GOVFERQVSSSECOHILIRKCTALRESIDTTFERONHPEMODVILLPOETAKIHLHSLSPGSK.....
9..PIM_Dr	RSNAVASELITLMDVCSGDIIFERDDEILR...GOVFERQVSSSECOHILIRKCTALRESIDTTFERONHPEMODVILLPOETAKIHLHSLSPGSK.....
10..PIM_A_Cc	RSNAVASELITLMDVCSGDIIFERDDEILR...GOVFERQVSSSECOHILIRKCTALRESIDTTFERONHPEMODVILLPOETAKIHLHSLSPGSK.....
11..PIMB_Cc	RSNAVASELITLMDVCSGDIIFERDDEILR...GOVFERQVSSSECOHILIRKCTALRESIDTTFERONHPEMODVILLPOETAKIHLHSLSPGSK.....

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SEQ ID NO:

Entry

Sequence

Table 3.

	B1	B2	B3	B4
12. PUKK1:20pkTDAALPGSHSTHGFVENVE	PKRIIDVSSVWRCHIKP	TCREYVNIIDVTOGSPFAEEV	QELREATIKNDILRVSG
13. CMK1:1406	.....MPGAVCEPMQOAEEDIDVD	PROVLITAPSMVLAEDKR	TOKVALIKTIKAKL	EKGOSMENDIATLHSLN
14. CMK2:101XA	.....MENO	KVKIISDITGVYKARKKL	GSYVALIKTIKAKL	EKGOSMENDIATLHSLN
15. CMK3:101XA	.....MSRPARSPYVO	MEKCLCKADUOVVED	GVADYVALIKTIKAKL	EMPLSTIRAVAVRLIETPE
16. MAPK1:1018	.....SORPPYPIKELNTIKTIVEP	YONIKTIVEP	TGAKVALIKTIKAKL	ELPARKAYREIRLKKMR
17. MAPK1:1018	.....PTLDVIAPCOGFOKQVDSVY	TAKYNASKSDVYVGVSTV	TGHRVANKLSPPOS	IHKARTYREIRLKKMR
18. MAPK1:1018	.....AAAAAGEMVROVDVGRPTNL	SYIDGAGVICAAYDNL	LDRVANKLSPPOS	OTAKARTYREIRLKKMR
19. MAPK1:1018	.....SPSTFTLQELVHYKMGDGLCK	LVPCVCHSKPK	NKRVANKLSPPOS	OTAKARTYREIRLKKMR
20. HCK:1018	.....TSATPNSLOLVAYYSKADGLCH	LVPCVCHSKPK	NKRVANKLSPPOS	OTAKARTYREIRLKKMR
21. ABL1:1018	.....CHMTPGKIKIDPPTPEPNA	VEAKEDISCV	TEVINDVPGVSGVGLKPG	TSMPAPLAKANVKTLO
22. ABL1:1018	.....MGSVAQDEPFRGMALNKEL	LVOTINDEPFGVSGVGLKPG	KREIFVALIKTIKAKL	TSMPAPLAKANVKTLO
23. ABL1:1018	.....NDPDE	MGSVAQDEPFRGMALNKEL	LVOTINDEPFGVSGVGLKPG	TSMPAPLAKANVKTLO
24. ABL1:1018	.....MKHHHHHGHKNDPDTIPV	LDNDIK	FOVILDEPFGVSGVGLKPG	TSMPAPLAKANVKTLO
25. ABL1:1018	.....VPDSMEVAREKIT	MSRELLOSPFGVSGVGLKPG	FOVILDEPFGVSGVGLKPG	TSMPAPLAKANVKTLO
26. ABL1:1018	.....SKVITVAVTPOGDPDE	TEVINDVPGVSGVGLKPG	KREIFVALIKTIKAKL	TSMPAPLAKANVKTLO
27. ABL1:1018	.....SKARVADVNVLPKMYEAL	VOGEODDE	VVKVDEPFGVSGVGLKPG	TSMPAPLAKANVKTLO
28. ABL1:1018	.....SOBELEKLRISVGDPPKKT	TRP	SKIDGASGVITANDVA	TSMPAPLAKANVKTLO
29. ABL1:1018	.....EPAIDRPPSEGT	KDILVMTSGSGLLAVORT	ARTIV	LOSTIKDEPFGVSGVGLKPG
30. ABL1:1018	.....SKHADGLCHRLTTCPTSK	QTOGLAKDAMIPRESR	LEVLKDEPFGVSGVGLKPG	TSMPAPLAKANVKTLO
31. ABL1:1018	.....TSADCLTRUKVAVSTVAAQ	DEPFRGMALNKEL	LVOTINDEPFGVSGVGLKPG	TSMPAPLAKANVKTLO
32. ABL1:1018	.....ELITVRANGELTGLVIT	NDPDE	MGSVAQDEPFRGMALNKEL	LVOTINDEPFGVSGVGLKPG
33. ABL1:1018	.....TVSADSSAMNSGVLLVPS	LSSTPMLAGVSEYLP	DEPFRGMALNKEL	LVOTINDEPFGVSGVGLKPG
34. ABL1:1018	.....LDVIAFCQFOVDVSY	TAKYNASKSDVYVGVSTV	YONIKTIVEP	TGAKVALIKTIKAKL
35. ABL1:1018	.....HRVUPBEPDLP	SEGT	KDILVMTSGSGLLAVORT	ARTIV
36. ABL1:1018	.....GSIYLPKRODGLPL	VYASSNPYLSADVP	PCVVPDEPFGVSGVGLKPG	TSMPAPLAKANVKTLO
37. ABL1:1018	.....RTTSPASECKP	QOAPS	SKVSRDGS	KVITVAVTPOGDPDE
38. ABL1:1018	.....MGNAAAKGSEBSKE	FLAKEDKEMSPANT	HLDOPE	RITLDEPFGVSGVGLKPG
39. ABL1:1018	.....STVADGLIT	TLVAPKANTVYGVSP	NYDKEMKENT	DTIT
40. ABL1:1018	.....RANVORMAQON	VAVREP	AVSOTLAKNKVKNPD	TIYVLDNDIK
41. ABL1:1018	.....EPSEPTIT	KEDTAMNYDEV	DETRVEMSKASHSTEL	SKELXKM
42. ABL1:1018	.....MSGPVSRARVY	TOVNTHP	PRYMYSHVVEGNDDIO	LVKRLKDEPFGVSGVGLKPG
43. ABL1:1018	.....TKTSGLCVLKP	CPKIQVAP	PLSYKTVDOMIDNSIO	LLKRLKDEPFGVSGVGLKPG
44. ABL1:1018	.....MAPGLAQAAS	DSKRVAS	EPDGPALCPSPALSP	SPYSSODPD
45. ABL1:1018	.....TVLVVIMKON	PRYEMRVIES	SPDCHSYIYV	MDQLDEPFGVSGVGLKPG
46. ABL1:1018	.....OHNSAGLI	SRVYSONNAST	GLCYSEIDDKIT	PLKELDEPFGVSGVGLKPG
47. ABL1:1018	.....MTFPAQAAPPYS	YSSCARP	SDSMEQVAPKIL	LEDPMPPKNIY
48. ABL1:1018	.....GVTVLINEKEL	AEIRGLACVGLACV	GLACVGLACV	GLACVGLACV
49. ABL1:1018	.....LOANHELSPY	KUSKART	STIDINDINCPAK	SS
50. ABL1:1018	.....MAEPDCEGI	RIKCRK	RGFTVPPHRLGCRVKEP	KLRIETVYVRAADTO
51. ABL1:1018	.....RAQSLHGLRAAC	CRKHEP	PLHMDMRPREET	LCRLKDEPFGVSGVGLKPG
52. ABL1:1018	.....MAHPGVSGLUP	GMONIKADP	RELTLK	SKIDGASGVITANDVA
53. ABL1:1018	.....MAPGLAQAAS	DSKRVAS	EPDGPALCPSPALSP	SPYSSODPD
54. ABL1:1018	.....TVLVVIMKON	PRYEMRVIES	SPDCHSYIYV	MDQLDEPFGVSGVGLKPG
55. ABL1:1018	.....OHNSAGLI	SRVYSONNAST	GLCYSEIDDKIT	PLKELDEPFGVSGVGLKPG
56. ABL1:1018	.....MTFPAQAAPPYS	YSSCARP	SDSMEQVAPKIL	LEDPMPPKNIY
57. ABL1:1018	.....GVTVLINEKEL	AEIRGLACVGLACV	GLACVGLACV	GLACVGLACV
58. ABL1:1018	.....LOANHELSPY	KUSKART	STIDINDINCPAK	SS
59. ABL1:1018	.....MAEPDCEGI	RIKCRK	RGFTVPPHRLGCRVKEP	KLRIETVYVRAADTO
60. ABL1:1018	.....RAQSLHGLRAAC	CRKHEP	PLHMDMRPREET	LCRLKDEPFGVSGVGLKPG
61. ABL1:1018	.....MAHPGVSGLUP	GMONIKADP	RELTLK	SKIDGASGVITANDVA
62. ABL1:1018	.....MAPGLAQAAS	DSKRVAS	EPDGPALCPSPALSP	SPYSSODPD
63. ABL1:1018	.....TVLVVIMKON	PRYEMRVIES	SPDCHSYIYV	MDQLDEPFGVSGVGLKPG
64. ABL1:1018	.....OHNSAGLI	SRVYSONNAST	GLCYSEIDDKIT	PLKELDEPFGVSGVGLKPG
65. ABL1:1018	.....MTFPAQAAPPYS	YSSCARP	SDSMEQVAPKIL	LEDPMPPKNIY
66. ABL1:1018	.....GVTVLINEKEL	AEIRGLACVGLACV	GLACVGLACV	GLACVGLACV
67. ABL1:1018	.....LOANHELSPY	KUSKART	STIDINDINCPAK	SS
68. ABL1:1018	.....MAEPDCEGI	RIKCRK	RGFTVPPHRLGCRVKEP	KLRIETVYVRAADTO
69. ABL1:1018	.....RAQSLHGLRAAC	CRKHEP	PLHMDMRPREET	LCRLKDEPFGVSGVGLKPG
70. ABL1:1018	.....MAHPGVSGLUP	GMONIKADP	RELTLK	SKIDGASGVITANDVA
71. ABL1:1018	.....MAPGLAQAAS	DSKRVAS	EPDGPALCPSPALSP	SPYSSODPD
72. ABL1:1018	.....TVLVVIMKON	PRYEMRVIES	SPDCHSYIYV	MDQLDEPFGVSGVGLKPG
73. ABL1:1018	.....OHNSAGLI	SRVYSONNAST	GLCYSEIDDKIT	PLKELDEPFGVSGVGLKPG
74. ABL1:1018	.....MTFPAQAAPPYS	YSSCARP	SDSMEQVAPKIL	LEDPMPPKNIY
75. ABL1:1018	.....GVTVLINEKEL	AEIRGLACVGLACV	GLACVGLACV	GLACVGLACV
76. ABL1:1018	.....LOANHELSPY	KUSKART	STIDINDINCPAK	SS
77. ABL1:1018	.....MAEPDCEGI	RIKCRK	RGFTVPPHRLGCRVKEP	KLRIETVYVRAADTO
78. ABL1:1018	.....RAQSLHGLRAAC	CRKHEP	PLHMDMRPREET	LCRLKDEPFGVSGVGLKPG
79. ABL1:1018	.....MAHPGVSGLUP	GMONIKADP	RELTLK	SKIDGASGVITANDVA
80. ABL1:1018	.....MAPGLAQAAS	DSKRVAS	EPDGPALCPSPALSP	SPYSSODPD
81. ABL1:1018	.....TVLVVIMKON	PRYEMRVIES	SPDCHSYIYV	MDQLDEPFGVSGVGLKPG
82. ABL1:1018	.....OHNSAGLI	SRVYSONNAST	GLCYSEIDDKIT	PLKELDEPFGVSGVGLKPG
83. ABL1:1018	.....MTFPAQAAPPYS	YSSCARP	SDSMEQVAPKIL	LEDPMPPKNIY
84. ABL1:1018	.....GVTVLINEKEL	AEIRGLACVGLACV	GLACVGLACV	GLACVGLACV
85. ABL1:1018	.....LOANHELSPY	KUSKART	STIDINDINCPAK	SS
86. ABL1:1018	.....MAEPDCEGI	RIKCRK	RGFTVPPHRLGCRVKEP	KLRIETVYVRAADTO
87. ABL1:1018	.....RAQSLHGLRAAC	CRKHEP	PLHMDMRPREET	LCRLKDEPFGVSGVGLKPG
88. ABL1:1018	.....MAHPGVSGLUP	GMONIKADP	RELTLK	SKIDGASGVITANDVA
89. ABL1:1018	.....MAPGLAQAAS	DSKRVAS	EPDGPALCPSPALSP	SPYSSODPD
90. ABL1:1018	.....TVLVVIMKON	PRYEMRVIES	SPDCHSYIYV	MDQLDEPFGVSGVGLKPG
91. ABL1:1018	.....OHNSAGLI	SRVYSONNAST	GLCYSEIDDKIT	PLKELDEPFGVSGVGLKPG
92. ABL1:1018	.....MTFPAQAAPPYS	YSSCARP	SDSMEQVAPKIL	LEDPMPPKNIY
93. ABL1:1018GVTVLINEKEL	AEIRGLACVGLACV	GLACVGLACV	GLACVGLACV
94. ABL1:1018LOANHELSPY	KUSKART	STIDINDINCPAK	SS

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Table 3-continued.

12. PHAG1:PHK-
13. PHAG1:PHK-
14. CDK2:1b1a-
15. CDK6:1b1a-
16. MAPIK2:1cmba
17. MAPIK4:1p1b
18. MAPIK4:1p1b
19. MAPIK1:3c1a-
20. HCK:1qcfA-
21. LCK:1upcA
22. ABL:18fca
23. ABL:18fca
24. EPHB2:1jpaA
25. CSK:1byga
26. ROR:1vz2A
27. TRPM1:1egwa
28. TRPM1:1egwa
29. IGF1R:1k3aA
30. INSR:11f3A
31. GSK3B:1n8fA
32. GSK3B:1n8fA
33. CSNK2A1:1dava
34. PAK1:113sc
35. SRPK2:1hwaA
36. PRACA:1c6ba
37. PRACA:1c6ba
38. CSNK1P:1ck3A
39. Src-1:SRC
40. Csk:CSK
41. VEGFR:VOPR1
42. VEGFR:VOPR1
43. GPCR:GPCR1
44. Csk:CSK1D
45. Csk:CSK1D
46. Csk:CSK1D
47. TGFBR-1:1GFBR1
48. Src-2:HKC
49. Iner:INSR
50. Iner:INSR
51. CDK-3:CDK6
52. GSK3:GSK3B
53. PMA-1:PRACA
54. GSK-1:CAMK1
55. GSK-1:CAMK1
56. ABL:ABL1
57. Tle:TEK
58. MUCK:TMN
59. PAK:PAK1
60. PAK:PAK1
61. Csk:CSK2A1
62. Src-3:PRK
63. Src-3:PRK
64. Src-3:PRK
65. Src-3:PRK
66. Src-3:PRK
67. Ret:RET
68. Ret:RET
69. Ret:RET
70. ALE:ALK
71. CDK-4:CDK7
72. CDK-3:CDK10
73. CDK-3:CDK10
74. CDK-3:CDK10
75. CDK9:CDK9
76. STIK:STK24
77. MST:STK3
78. MST:STK3
79. NIK:MAPK4
80. LOK:STK10
81. TRK:TRKA1
82. TRK:TRKA1
83. TRK:TRKA1
84. Akt:AKT1
85. SGK:SGK
86. PKC-like:PRCKL1
87. PKC-like:PRCKL1
88. PKC-like:PRCKL1
89. PKC-like:PRCKL1
90. CCR:CCR
91. TAO:TAO1
92. DOR:DOR1
93. DOR:DOR1
94. CCK4:PTK7

1. LKSEKTRIMRAULSVICALLK
2. LKSEKTRIMRAULSVICALLK
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4. LKSEKTRIMRAULSVICALLK
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92. LKSEKTRIMRAULSVICALLK
93. LKSEKTRIMRAULSVICALLK
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Table 3-continued.

12. PHKGI:2phk-
13. CMKI:1s06-
14. CMKI:1s06-
15. CMKI:1s06-
16. MAPK12:1c8a
17. MAPK14:1g18
18. MAPK16:1j1c
19. MAPK16:1j1c
20. HCH:1q6a
21. LCK:1q6a
22. SRC:1q6a
23. SRC:1q6a
24. BPH3:1j1a
25. CSK:1b9a
26. KDR:1v2a
27. TGR1:1q6a
28. TGR1:1q6a
29. TGR1:1k1a
30. INSR:1l1a
31. GSK3:1h8a
32. GSK3:1h8a
33. GSK3:1h8a
34. PAK1:1j1c
35. SRP2:1h0a
36. PRACA:1c0a
37. PRACA:1c0a
38. CSNHP:1b6a
39. Src-1:SRC
40. Csk:CSK
41. Spn:EPH2
42. Spn:EPH2
43. PGR:POPR
44. Csk:CSK
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53. PAK1:1j1c
54. Csk:CSK
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63. PAK1:1j1c
64. PAK1:1j1c
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Table 3-continued.

95. NAST: K1AA0303
96. NAST205: NAST205
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163. NAST205: NAST205
164. NAST205: NAST205

Table 3-continued.

95. MAST: KIAA0303	NPVSVSMYCSPTET.RHLCHMMEYVEG. GDCATLKNMNGP.
96. MAST205: MAST205	NPVSVSMYCSPTET.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
97. CKKL: CKKL1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
98. ACK: ACK1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
99. ACK: ACK1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
100. EGFR: EGFR	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
101. AXI: AXI	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
102. MET: MET	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
103. MET: MET	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
104. SYK: SYK	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
105. JAK: JAK1-2	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
106. PDPK1: PDPK1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
107. CKR: CKR	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
108. CKR: CKR	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
109. CKR: CKR	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
110. MAPK: MAPK	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
111. RAGE: RAGE	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
112. RAGE: RAGE	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
113. RAGE: RAGE	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
114. MAPKAP: MAPKAP2	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
115. ERK-2: MAPK6	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
116. MOK: MOK1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
117. JAK: JAK1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
118. STE11: MAP3K2	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
119. ERK: MAPK1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
120. AMPK: PRKAA1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
121. AMPK: PRKAB1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
122. AMPK: PRKAB2	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
123. LKB1: STK11	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
124. PLK: PLK	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
125. AUR: STK6	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
126. AUR: STK6	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
127. ULK: ULK1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
128. STE7: MAP2K1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
129. UTK1: DRFPD761P1010	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
130. CAC: CYPICAL: PRKON	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
131. CAC: CYPICAL: PRKON	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
132. DYRK: DYRK1A	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
133. HIPK: HIPK2	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
134. PRK4: PRK4	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
135. MAPK: MAPK10	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
136. ZAK: ZAK	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
137. ARCK: LOC51086	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
138. Raf: RAF1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
139. Raf: RAF1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
140. Raf: RAF1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
141. Raf: RAF1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
142. TESK: TESK1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
143. APKA: LOC51135	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
144. IBAR: IBAR1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
145. IBAR: IBAR1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
146. IBAR: IBAR1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
147. ATR: KIAA1079	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
148. NIK: NIK2	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
149. EIPAK: PRKR	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
150. EIPAK: PRKR	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
151. EIPAK: PRKR	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
152. WNK: PRKNK1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
153. POKT: POKT1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
154. Wee1: WEE1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
155. Cdc: MAP1B	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
156. Cdc: MAP1B	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
157. WPS: WPS1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
158. Mos: MOS	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
159. LRR: LRR1	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
160. MYSK: STK16	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
161. MYSK: STK16	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
162. BIK: BIK2	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
163. TOPK: TOPK	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.
164. ILK: ILK	HNPLVNLLEVPKRR.	.....RHLCHMMEYVEG. GDCATLKNMNGP.

95. MAST:K1A0A203
96. MAST2505:MAST2505
97. CDRL:CDRL1
98. NLR:NLR
99. NLR:ACK1
100. NLR:ACK1
101. A21:A21
102. Met:Met
103. TGFBR-2:TOPBR2
104. SYK:SYK
105. SYK:SYK-2
106. PDPK1:PDPK1
107. GRB:RHOX
108. DMPK:DMPK
109. DMPK:DMPK
110. MAX:MAX
111. RAGE:RAGE
112. SPAK:STK39
113. S6K1:RPS36A-2
114. S6K1:RPS36A-2
115. ERK-2:MAPK6
116. MNK:MNK1
171. DAPK:DAPK1
172. STK1:STK1
118. STE11:TAO1K2
119. ERK:MAPK1
120. AMPK:PRKA1
121. CHK2:CHK1
122. CDK2:CMYC
123. CDK2:CMYC
124. PLK:PLK
125. AUR:STK6
126. VRK:VRK1
127. VRK:VRK1
128. STE7:MAP3K1
129. UTK1:DKFZP61P1010
130. CCKAR:CK1A
131. CCKAR:CK1A
132. HIPK:HIPK2
133. HIPK:HIPK2
134. PRP4:PRP4
135. TAK1:MAP3K7
136. TAK1:MAP3K7
137. TAK1:MAP3K10
138. ASK1:LOCS1086
139. ASK1:LOCS1086
140. R1PK:ANKRD3
141. R1PK:ANKRD3
142. LSG1:LRK1
143. LSG1:LRK1
144. APKA:LOCS1135
145. IBAR:IBAR1
146. IBAR:IBAR1
147. IBAR:IBAR1
148. NRG:NRG2
149. EPTAK:PRKR
150. Pim:Pim1
151. Pim:Pim1
152. MNK:PRPKW1
153. PDMT:PDMT1
154. Meel:Meel1
155. Cdc:MAP3K8
156. Cdc:MAP3K8
157. MSK1:MSK1
158. MSK1:MSK1
159. Mos:MO5
160. IRE:IRE1
161. IRE:IRE1
162. BIK:BIK1
163. BIK:BIK1
164. TOPK:TOPK
165. IUK:ILK

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Table 3-continued.

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BEST AVAILABLE COPY

95. MAST:K1A0D303
96. MAST205:MAST205
97. CDKL:CDKL1
98. NUK:NUK
99. NUK:NUK
100. EXPD:EXPD
101. AXL:AXL
102. Met:MET
103. TUPR2:2:TUPR2
104. JAK:JAK1-2
105. RY:RYK
106. PDPK1:PDPK1
107. GRK:GRK
108. NBR:STK38
109. NBR:STK38
110. MAK:MAK
111. RAGS:RAGE
112. SPA1:STK19
113. MAPK:MAPK1-2
114. MAPKAP:MAPKAPK2
115. ERK-2:MAPK6
116. MAPK:MAPK1
117. DAPK:DAPK1
118. STE11:MAP3K2
119. ENK:MARK1
120. ANPK:PRKAA1
121. CHG:CHUK1
122. LBN:STK13
123. LBN:STK13
124. PLK:PLK
125. AUR:STK6
126. STEJ:MAPK7
127. UTK:UTK
128. STEJ:MAPK7
129. UTK:UTK
130. PIC:APK2
131. DPK:DPK1
132. DYRK:DYRK1
133. HIPK:HIPK3
134. PRP4:PRP4
135. TAK1:MAPK17
136. TAK1:MAPK17
137. ZAK:ZAK
138. ACHK:LOK5086
139. Raf:RAF1
140. RPK:ANKK3
141. RPK:ANKK3
142. TESK1:TESK1
143. APRA:TRAK1
144. APRA:TRAK1
145. IKK:IKK
146. IKK:IKK
147. NKK:NEK2
148. E2F2AK:PRKR
149. Pim:PIM1
150. Pim:PIM1
151. LUK:LUK
152. PMYT:PMYT1
153. Meel:MEEL
154. COT:MAP3K8
155. JAK:JAK1-1
156. NBR:STK38
157. NBR:STK38
158. NBR:STK38
159. IRE:ERN1
160. MSP:STK16
161. GAK:GAK
162. GAK:GAK
163. TOPK:TOPK
164. ILK:ILK